Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 21 Aug 2023 until 23:59 on Tuesday 22 Aug 2023

Forecast Issued on Sunday 20 Aug 2023 at 12:48

Confidence: Generally high overall more settled conditions in the wake of storm Betty to start the week, however lower confidence for the extent of showers and low cloud over the next couple of days. Significantly lower confidence regarding extent of rain across the region from Wednesday.

Headline for Monday 21 Aug 2023: Sunny spells and showers with windy conditions along the tops.

Mountain weather hazards on Monday 21 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Dull	Drizzle	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Cloudy
Precipitation probability							
20%	30%	30%	20%	30%	50%	30%	20%

Forecast for Monday 21 Aug 2023

Weather: Low cloud likely shrouding the majority of the summits to start the day. Cloud then lifting through the morning with breaks developing across the area, these most likely further north and east. Drizzly outbreaks possible at times across western hills at first, with a risk of a few scattered showers developing across the area from mid-morning. Low cloud then perhaps returning across the majority of tops into the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 50% through the morning in the west and 70% in the north and east. Deteriorating to 30% in the evening

Low Cloud and visibility: Areas of cloud overnight with bases 400-500m covering most tops to start the day, before lifting through the morning with some good breaks developing, these breaks most likely to the north and east. Patchy cloud of around 400-500m may still affect the highest hills throughout the day, especially across the west of the area and during any showers during the afternoon. Visibility poor or very poor in any cloud covering the hills, but becoming largely good or very good through the morning.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 21 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/22 SW	15/23 SW	14/21 S	18/25 S	20/31 SW	22/34 SW	21/32 SW	21/32 SW	21/33 SW
300	5/14 SW	5/15 S	6/13 S	10/20 S	14/29 SW	17/33 SW	15/30 SW	14/29 SW	15/31 SW
Valley	4/15 S	6/17 S	8/19 S	11/23 S	13/27 SW	15/30 SW	13/28 SW	12/26 SW	13/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	11/8	11/8	12/9	14/11	15/11	14/10	12/9	12/8
300	12/11	12/11	13/12	15/13	17/14	17/14	16/14	15/12	14/12
Valley	14/13	14/13	15/13	16/15	18/16	19/16	18/15	16/14	16/14
Freezing Level*	2200m	2500m	2500m	2500m	2500m	2500m	2500m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling breezy at times along the tops. Low cloud initially across summits may lead to difficulty in navigation. Strong UV levels likely from around midday as cloud breaks begin to develop.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 20 Aug 2023	0.2mm	14.8mm	14.8mm

Forecast for Tuesday 22 Aug 2023

Weather: Cloud likely shrouding most of the higher tops to start the day, with pulses of rain affecting the area throughout the morning. Cloud slowly lifting and breaking in the afternoon with a few scattered showers developing

Maximum wind: Southwesterly 17-20mph gusting 30-35mph.

Chance of cloud-free hill tops above 600m: 20% at first, increasing to 60% in the afternoon

Low Cloud and visibility: Widespread cloud with bases around 400-500m throughout the morning. Bases slowly lifting to above summits through the afternoon, although patchy cloud may cap the highest peaks in afternoon showers. Visibility poor or very poor in cloud, but becoming good or very good in any breaks during the afternoon.

Temperature: **Valleys:** Plus 14C rising to plus 17C
At 600m: Plus 12C
Freezing level: Above the hills.

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